

CRISP Automation Systems Documentation

Manual Number: MAN-CENT-SPD-031

Subject: CRISP Central Administration 3.1 Software Product Description

Date Created: 08/12/2002 Revision 1.0 Date Revised: N/A

Effective Date: 08/12/2002

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Revision History

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N/A

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DESCRIPTION

The CRISP Central Administration product is used in conjunction with multiple CRISP Systems. It provides a single CRISP security domain across the multiple systems. Currently, the Window Workstation is the only CRISP product that uses the CRISP security features.

The CRISP Central Administration product also provides a menu for naïve users to retrieve data from the other systems in the domain.

FEATURES

CRISP Security Domain

Without the CRISP Central Administration product, the security file (CRISP\$CFG:CRISP_UAF.IDX) on each CRISP system must be modified to add a user. This is error-prone, and prevents users from moving between related systems. Also, attempts to “break into” one system do not create any attention anywhere else.

The CRISP Central Administration product collects all systems into a single security domain. There are several ways that this is enforced:

When a node attempts to access its security file, it first checks to see if the Central Administration node is accessible. If so, the central security file is used.

If the central security file cannot be accessed, the local security file is used. However, this file is kept up-to-date by a batch program run by the Central Administration system on a periodic basis.

A limit on the number of bad login attempts can be set by the administrator of the Central Administration node. When this limit is reached, the username is locked out. Also, email can be sent to a system administrator to notify of a possible break-in attempt.

Data Retrieval

A script is provided by the CRISP Central Administration product, called CRISP\$UTL: BATCH_RETRIEVAL. This script allows the retrieval of the following data, in a “read-only” fashion, from a selected CRISP system:

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Entries written into the CRISP/32 log file.
Operator actions written into the CRISP/32 log file.
Data files that are configured by the administrator.
Historian point files, which are collected by the CRISP Historian subsystem.

The user's account can be created "captive", which prevents the user from accessing the OpenVMS command prompt.

Separate user documentation is provided for distribution to captive account users.

HARDWARE REQUIREMENTS

Any system that supports OpenVMS.
A functional network adapter on each system, and suitable wiring to communicate DECnet traffic between all nodes in the security domain.

SOFTWARE REQUIREMENTS

OpenVMS Operating System 5.5-2 or later (VAX); 7.2 or later (Alpha).
DECnet, either Phase IV or DECnet-Plus, is required. The minimum version supported is that required by the OpenVMS version in use.
The CRISP/32 software does not have to be installed on the Central Administration system.
Only one system in the domain may have the Central Administration product installed.

LICENSING REQUIREMENTS

The CRISP-CEN product authorization kit (PAK) must be installed and loaded on the system prior to installing the CRISP Central Administration product.

SOFTWARE LICENSING

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This software product is furnished under the licensing provisions and Terms and Conditions of Sale of the Automation Software Products business of the CRISP Automation. The software can be licensed for a single CPU or for multiple CPU's.

SOFTWARE WARRANTY

Warranty for this software product is twelve (12) months from the time of shipment and is provided by CRISP Automation with the purchase of a license for the product. The software is warranted to conform to this Software Product Description.

SOFTWARE SUPPORT AGREEMENT

This software product comes with a six (6) month software support agreement that includes new software releases, interim updates, remote diagnostic support and telephone consultation. The agreement can be renewed on an annual basis by the customer for a minimal fee.

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